

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 1623

In re Patent Application of
Paul B. Savage
Application No. 10/550,165
Confirmation No.: 5240
Filed: July 21, 2006
Examiner: Ganapathy Krishnan

Electronically filed by Sally Sorensen

Date: May 25, 2007

"6"-AMINO-6"-DEOXYGALACTOSYLCERAMIDES"

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(c)**

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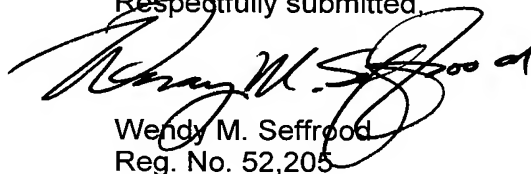
Sir:

The Examiner's attention is directed to the references which are listed on the attached Forms PTO/SB/08A and PTO/SB/08B. Copies of the non-U.S. patent references are attached. This Statement is being accompanied by payment of the \$180 fee required under 37 CFR §1.17(p). Please charge any shortage or overpayment of the required fee to Deposit Account No. 50-0842.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,



Wendy M. Seffrood
Reg. No. 52,205

File No. 017968-9010 US00
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/550,165
Filing Date	July 21, 2006
First Named Inventor	Paul B. Savage
Art Unit	1623
Examiner Name	Ganapathy Krishnan
Attorney Docket Number	017968-9010 US00

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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				Application Number	10/550,165
				Filing Date	July 21, 2006
				First Named Inventor	Paul B. Savage
				Group Art Unit	1623
				Examiner Name	Ganapathy Krishnan
Sheet	1	of	3	Attorney Docket Number	017968-9010 US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		BENLAGHA, K. et al., "In Vivo Identification of Glycolipid Antigen-specific T Cells Using Fluorescent CD1d Tetramers," J. Exp. Med. (2000) 191:11:1895-1903
		COREY et al., "A New Method for the Synthesis of Organic Nitro Compounds," J. Am. Chem. Soc. (1984) 106:3682-3683
		DASCHER, C.C. et al., "CD1 Antigen Presentation and Infectious Disease," Contributions to Microbiology (2003) 10:164-182
		DAVIS, N.J. et al., "Chemical Synthesis of Disaccharides Which are Partial Structures of the Glycosaminoglycan Heparan Sulfate," J. Chem. Soc. (1994) 1:359-368
		HASHIMOTO, S. et al., "Glycosylation Using Glucopyranosyl Fluorides and Silicon-Based Catalysts, Solvent Dependency of the Stereoselection," Tetrahedron Letters (1984) 25:13:1379-1382
		HAYASHI, M. et al., "Simple Synthesis of Glycosyl Fluorides," Chem. Letters (1984) 1747-1750
		KAWANO, T. et al., "CD1d-Restricted and TCR-Mediated Activation of V α 14 NKT Cells by Glycosylceramides," Science (1997) 278:1626-1629
		KHAN, M. et al., "Syntheses and Antiinflammatory Activity of Some 6-aryl-2,3,4,5-tetrahydro-3-pyridazinones," Indian J. Chem. (2000) 39B:614-619
		MIYAMOTO, K. et al., "A Synthetic Glycolipid Prevents Autoimmune Encephalomyelitis by Inducing T _H 2 Bias of Natural Killer T Cells," Nature (2001) 413:531-534

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		Examiner Name	Ganapathy Krishnan		
Sheet	2	of	3	Attorney Docket Number	017968-9010 US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		MORITA, M. et al., "Structure-Activity Relationship of α -Galactosylceramides Against B16-Bearing Mice," J. Med. Chem. (1995) 38:2176-2187
		NAKAGAWA, R. et al., "Mechanisms of the Antimetastatic Effect in the Liver and of the Hepatocyte Injury Induced by α -Galactosylceramide in Mice," J. Immun. (2001) 166:11:6578-6584
		PAL, E. et al., "Costimulation-Dependent Modulation of Experimental Autoimmune Encephalomyelitis by Ligand Stimulation of V α 14 NK T Cells," J. Immunol. (2001) 166:662-668
		PARK, S.H. et al., "The Mouse CD1d-restricted Repertoire is Dominated by a Few Autoreactive T Cell Receptor Families," J. Exp. Med. (2001) 8:893-904
		PARK, S.H. et al., "CD1-Restricted T-Cell Responses and Microbial Infection," Nature (2000) 406:788-792
		SAKAI, T. et al., "Effects of α - and β -Galactosylated C2-Ceramides on the Immune System," J. Med. Chem. (1998) 41:650-652
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		TAKIKAWA et al., "Diastereoselective Epoxidation of the Double Bond at C-4 of Sphingosines to Provide Phytosphingosine Relatives such as α -Galactosylceramide KRN7000," Tetrahedron (1998) 54:3141-3150
		VAULTIER, M. et al., Tetrahedron Letters (1983) 24:763 (NOT IN ENGLISH)

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Sheet	3	of	3	Attorney Docket Number	017968-9010 US00

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		WANG, B. et al., "CD1-Restricted NK T Cells Protect Nonobese Diabetic Mice from Developing Diabetes," J. Exp. Med. (2001) 194:313-319
		WANG, F. et al., "Tuning of Binding Selectivity: Metal Control of Organic Guest Binding and Allosteric Perturbation of Fluorescent Metal Sensor," J. Org. Chem. (1999) 64:8922-8928
		WEBER, G. et al., "Synthesis and Spectral Properties of a Hydrophobic Fluorescent Probe: 6-Propionyl-2-(dimethylamino) naphthalene," Biochem. (1979) 18:14:3075-3078

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